

# MATERIAL SAFETY DATA SHEET- **METACAULK® FIRE RATED MORTAR**

MSDS0214  
Ver. No.1  
Ver. Date March 26, 1999

## **SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Metacaulk® Fire Rated Mortar  
**PRODUCT CODES:** 66331, 66334  
**CHEMICAL FAMILY:** Organic/Inorganic  
**USE:** Firestopping Mortar  
**MANUFACTURE / SUPPLIER**  
RectorSeal  
2601 Spenwick  
Houston, Texas 77055 USA

### **EMERGENCY TELEPHONE NUMBERS:**

Chemtrec 24 hours: (800) 424-9300  
RectorSeal: (713) 263-8001

### **NON EMERGENCY TELEPHONE NUMBERS:**

Technical Service: (800) 231-3345

## **SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS**

<b>HAZARDOUS COMPONENTS</b>	<b>CAS NO.</b>	<b>APPROX</b>		<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS</b>	<b>HMIS</b>	<b>NFPA</b>
		<b>%</b>						
Calcium Sulfate	7778-18-9	--		5 mg/m3	10 mg/m3	N/D	N/D	N/D
Perlite	93763-70-3	--		5 mg/m3	10 mg/m3	NIOSH 5 mg/m3	N/D	N/D

## **SECTION 3 HAZARDS IDENTIFICATION**

**SUMMARY OF ACUTE HAZARDS** Vapors emitted during curing may irritate eyes, nose and throat.

<b>ROUTE OF EXPOSURE</b>	<b>SIGNS AND SYMPTOMS</b>	<b>PRIMARY ROUTE(S)</b>
<b>INHALATION:</b>	May cause respiratory irritation.	Yes
<b>EYE CONTACT:</b>	May cause slight eye irritation.	Yes
<b>SKIN CONTACT:</b>	Irritation.	Yes
<b>INGESTION:</b>	May cause nausea and vomiting, and irritate mucous membranes.	No

**SUMMARY OF CHRONIC HAZARDS:** Repeated or prolonged skin contact with uncured product may result in irritation to eyes and mucous membranes.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Persons with impaired pulmonary function and/or pre-existing eye or skin conditions may be more susceptible to the effects of this product.

## **SECTION 4 FIRST AID MEASURES**

**INHALATION:** Remove to fresh air. Administer oxygen or artificial respiration if needed. Seek immediate medical attention.  
**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.  
**SKIN CONTACT:** Wash with soap and water. If irritation occurs, seek medical attention.  
**INGESTION:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

## **SECTION 5 FIRE FIGHTING MEASURES**

**FLASH POINT:** None **FLAMMABILITY LIMITS:** LEL: N/A UEL: N/A  
**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide or water fog.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full face piece breathing apparatus and other protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during clean up.

## **SECTION 7 STORAGE AND HANDLING**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep container closed when not in use.  
**OTHER PRECAUTIONS:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** NIOSH/MSHA approved dust mask.  
**VENTILATION – LOCAL EXHAUST:** Acceptable **Special:** N/A  
**MECHANICAL (GENERAL):** Acceptable **OTHER:** N/A  
**PROTECTIVE GLOVES:** Wear non-permeable gloves. **EYE PROTECTION:** Goggles (ANSI Z-87.1 or equivalent)  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Coveralls recommended.  
**WORK/HYGIENIC PRACTICES:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A  
VAPOR PRESSURE (mm Hg): N/A  
VAPOR DENSITY (AIR = 1): N/A  
SOLUBILITY IN WATER: Insoluble  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.89  
MELTING POINT: N/A  
EVAPORATION RATE (ETHYL ACETATE = 1): N/D  
APPEARANCE/ODOR: Off-white particulate/ No odor

**SECTION 10 STABILITY AND REACTIVITY**

STABILITY: Stable  
CONDITIONS TO AVOID: None known.  
INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce oxides of carbon, nitrogen, sulfur and other potentially toxic fumes.  
HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION 11 TOXICOLOGY INFORMATION**

CARCINOGENICITY: NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No

<u>SUBSTANCE</u>	<u>CAS NO.</u>	<u>LD50</u>	<u>LC50</u>
Calcium Sulfate	7778-18-9	N/D	N/D
Perlite	93763-70-3	N/D	N/D

**SECTION 12 ECOLOGICAL INFORMATION**

<u>SUBSTANCE</u>	<u>FOOD CHAIN CON POTENTIAL</u>	<u>WATERFOWL TOXICITY</u>	<u>BOD</u>	<u>AQUATIC TOXICITY</u>
Calcium Sulfate	N/D	N/D	N/D	N/D
Perlite	N/D	N/D	N/D	N/D

**SECTION 13 DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of clean up materials and liquid waste in accordance with all local, state and federal regulations.

**SECTION 14 TRANSPORTATION INFORMATION**

DOT: Non-Regulated  
OCEAN (IMDG): Non-Regulated  
AIR (IATA): Non-Regulated  
WHMIS (CANADA): Non-Regulated

**SECTION 15 REGULATORY INFORMATION**

<u>SUBSTANCE</u>	<u>SARA 313</u>	<u>TSCA INVENTORY</u>	<u>CERCLA RQ</u>	<u>RCRA CODE</u>
Calcium Sulfate	No	Yes	N/A	N/A
Perlite	No	Yes	N/A	N/A

**SECTION 16 OTHER INFORMATION**

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001.